Use Attainability Analysis

for

WBID 0605 Turkey Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

DECEMBO

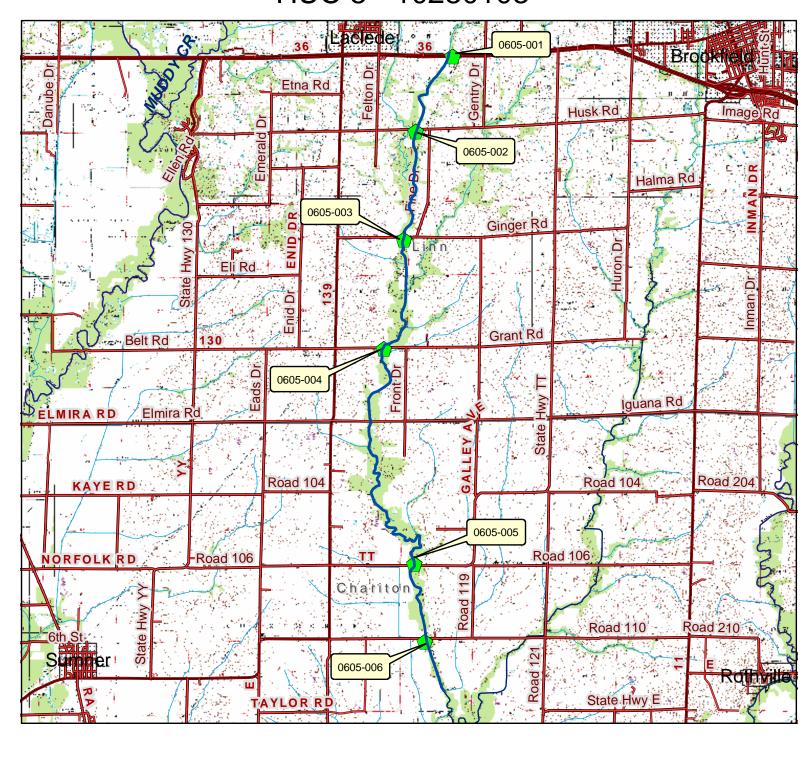
Field Data Sheets for Recreational Use Stream Surveys

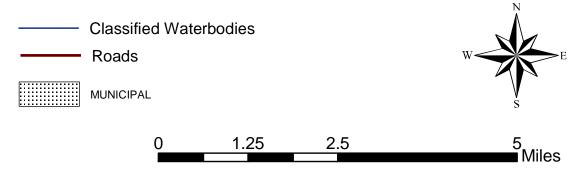
Data Sheet A - Water Body Identification

2005 JUL 14 AM 9: 18

•	WATER PROTECTION PROGRAM
Water Body Name: (from USGS 7.5' quad) Turkey Creek	
8-digit HUC: /0280103	
Missouri WBID#: 0 605	
County: Linn and Chariton	
Upstream Legal Description:	
Downstream Legal Description:	•
Upstream Coordinates:	
(UGS 84, ddd.ddddd)	
Downstream Coordinates:	
(UGS 84, ddd.dddd)	
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated: 5	
Name of Surveyor and Telephone Number: Priscella	totte, 573-526-3406
Organization: SOO DNR	
Position: ES III	
the undersigned, hereby affirm to the best of my knowledge, that	all information reported on this UAA
tasheet is true and accurate.	
· ·	

Turkey Cr. (C) #0605 Linn HUC 8 - 10280103





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

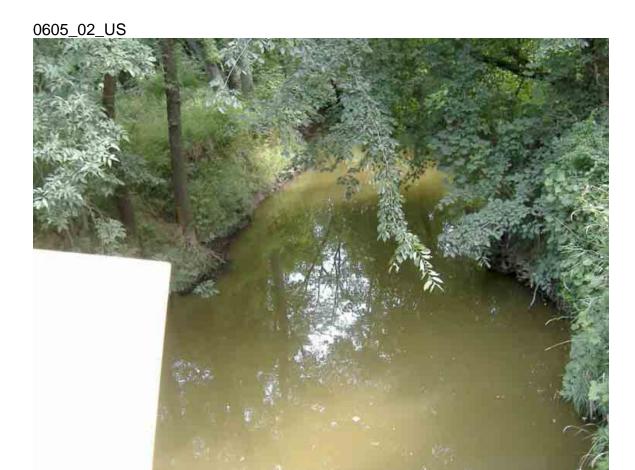
Missouri WBID #:	0605	Site Location I	Description:			
Site GPS Coordinates:	<u> </u>	Hele	Description: ek Road			
Date & Time: 7-13	-05 9:51	Facility Name:				
Personnel: P. Stotts			Permit Number:			
Current Weather Condit	ions: Clear	, Weather Condi				
Photo Ids: Upstream:			The fact of			
1						
Ises Observed*:	·					
Swimming	Skin diving	SCUBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	Boating	Wading	Rafting		
Hunting	☐ Trapping	Fishing	None of the above	Other:		
Describe: (include numb	er of individuals reco	reating, frequency of use, photo	o-documentation of evidence			
urrounding Condition			-documentation of evidence	of recreational uses, etc.)		
urrounding Condition	us*: (Mark all that p	reating, frequency of use, photo	uses. Attach photos of evide	e of recreational uses, etc.)		
urrounding Conditionems of interest.)	us*: (Mark all that p	reating, frequency of use, photo romote or impede recreational MDC conservation lands	uses. Attach photos of evide	nce or unusual Campgrounds		
urrounding Condition ems of interest.) City/county parks Boating accesses	ns*: (Mark all that p	reating, frequency of use, photo romote or impede recreational MDC conservation lands National forests	uses. Attach photos of evide	e of recreational uses, etc.)		
urrounding Condition ems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	reating, frequency of use, photo romote or impede recreational MDC conservation lands	uses. Attach photos of evide	nce or unusual Campgrounds		
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	reating, frequency of use, photo romote or impede recreational MDC conservation lands National forests Steep slopes	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway		
urrounding Condition ems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	reating, frequency of use, photo romote or impede recreational MDC conservation lands National forests Steep slopes	uses. Attach photos of evide	nce or unusual Campgrounds		

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID # 605 - 00 2

Stream Morj Upstream		ysical Di	mensions:						
Riffle	Width (ft):		Length (ft):	···	Avg. Depth ((ft):		lax. Depth (ft)	
Run	Width (ft):		Length (ft):		Avg. Depth ((ft):	M	lax. Depth (ft).	:
Pool	Width (ft):	27	Length (ft):	120	Avg. Depth (ft): 3 1/1	o M	lax. Depth (ft)	3/8/
∏ Flow	Present?	Z Yes	□ No Star		Estimated (ft	³ /sec):		<u>,,</u>	//0
Downstre	am View	- Physical	Dimensions:				•		
Riffle	Width (ft):	. nysicar	Length (ft):		Avg. Depth (ft):		ax. Depth (ft):	
₩ Run	Width (ft):	20	Length (ft):	200	Avg. Depth (ax. Depth (ft).	777
Pool	Width (ft):	<u> </u>	Length (ft):	000	Avg. Depth (ax. Depth (ft):	
☑ Flow	Present?	X Yes	□ No Stell	Water	Estimated (ft				•
Substrate*:	(These valu		add up to 100%.)	9/ 50	ر س م الم	on 9/ 6:35	د ره سر∎	41(C)	94 D 1 1
·	Cooble	-5	6 Gravel	5 % Sa	na <u>3 /4</u>	🥱 % Silt 🛚 🔏	5 %1	/lud/Clay	% Bedrock
Aquatic Veg	etation*:	(note amou	int of vegetation	or algal gro	wth at the asse:	ssment site)			
209	clo	20 95	oweng.	alan	e				
		8	8	ar gu	•				
								<u> </u>	
Water Chara	acteristics		all that apply.)						
Odor:		Sewage	Musky		hemical	None		Other:	
Color:	<u> 5</u> 2	·	Green		гау	Milky		Other:	
Bottom Der Surface Der		Sludge Oil	Solids		ne sediments	None	<u> </u>	Other:	
Surface De	203IL	Oil	Scum	<u></u>	oam	None		Other:	
*This information to the comprehensive to decision on the contract of the unders	on is not to be understanding the cereation using the cereation is signed, he	oe used sol ig of water se analysis reby affi	onal comment ely for removal o conditions. Con but may point to rm to the bes	f a recreati sequently, conditions	onal use design this information that need furthe	ation but rathen is not intende er analysis or t	r is to pr ed to dire that effec	rovide a more ectly influence et another use.	a
datasheet is t	rue and a	ccurate							
Signed:	Phierie	la)	Statto		Date:	7-13-	-05		·
Organization:	Missouri	Departm	ent of Natural	Resourc	es Position	: <u>Environme</u>	ental Sp	ecialist	





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	0605-00	3	Site Location De				
Site GPS Coordinates:			Ginger	Road			
Date & Time: 7-/3-	Date & Time: 7-/3-05 , 10:12			Facility Name:			
Personnel: P. Stotts			Permit Number:				
Current Weather Conditions: Clear			Weather Conditions for Past 7 days: Fair - Diret				
Photo Ids: Upstream:	139 Downs	stream: /	40 Other:				
ses Observed*:	Skin diving	□sc	UBA diving	Tubing	Water skiing		
Wind surfing	Kayaking		ating	Wading	Rafting		
Hunting	Trapping		hing	None of the above	Other:		
Describe; (include numb	er of individuals recre	ating, frequ	ency of use, photo-	documentation of evidence	of recreational uses, etc.)		
			,	documentation of evidence			
urrounding Condition		omote or im	,				
urrounding Condition	ns*: (Mark all that pro	omote or im	npede recreational e conservation lands	ises. Attach photos of evide	nce or unusual		
urrounding Conditionems of interest.)	ns*: (Mark all that pro	omote or im	npede recreational e onservation lands I forests	ises. Attach photos of evide	nce or unusual		
urrounding Condition ons of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or im MDC co	npede recreational e onservation lands I forests	ises. Attach photos of evide Urban areas Nature trails	nce or unusual		
urrounding Conditionems of interest.) City/county parks Boating accesses	ns*: (Mark all that pro	omote or im MDC co	npede recreational e onservation lands I forests	ises. Attach photos of evide Urban areas Nature trails	nce or unusual		
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro Playgrounds State parks Fence	omote or im MDC co National Steep slo	npede recreational e onservation lands I forests opes	uses. Attach photos of evide Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway		

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Data Sheet B - Site Characterization

Page Two - WBID #1005 - 003

Riffle Wi		Dimensions:				
	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
☐ Run Wi	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
🗖 Pool Wi	dth (ft): 24/	Length (ft):	40 Avg. Depth (ft): 1 9/0	Max. Depth (ft):	2 1/10
Flow Pre	esent? Yes	□ No Still G	had Estimated (fr	/sec):		
Downstream	View Physic	al Dimensions:				
	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Wi	dth (ft): 18	Length (ft):	Avg. Depth (ft): 5/12	Max. Depth (ft):	17/0
Pool Wi	idth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Flow Pre	sent? 💢 Yes	□ No Still 11	outur Estimated (ft	⁾ /sec):		,
		growers growers	algal growth at the asset	ssment site)		
ater Charact	eristics*: (Ma	rk all that apply.)		, , , , , , , , , , , , , , , , , , , ,		
Odor:	Sewage		Chemical	None	Other:	
1 2 -1	⊠ Clear	Green	☐ Gray	Milky	Other:	
Color:	<u> </u>			· — · .		
Bottom Deposi Surface Deposi		Solids A fune Scum	Fine sediments Foam	None None	Other:	
Bottom Deposi Surface Deposi omments: Plea This information is omprehensive und ecision on the recr	ase attach add s not to be used a erstanding of wa eation use analy ued, hereby a	Scum Scum Scum Science	···· <u>· · · · · · · · · · · · · · · · ·</u>	None on from inter ation but rather in is not intended er analysis or the	Other: views) to this form is to provide a more I to directly influence at effect another use.	1





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: (2605-0	04	Site Location D	escription: on Grand	Ra. 1	
Site GPS Coordinates:	<u>-</u> .		004	67 ang	17040	
Date & Time: 7-/3	-05 10:	28	Facility Name:			
Personnel: P. Stotts						
Current Weather Condition	rrent Weather Conditions: (1902) Weather Condition			ons for Past 7 days: Fair - Dreg		
Photo Ids: Upstream				er:		
7,1010 1011	/ 			<u> </u>		
es Observed*:						
Swimming	Skin diving	sc	CUBA diving	Tubing	☐ Water skiing	
Wind surfing	☐ Kayaking	Во	ating	☐ Wading	Rafting	
Hunting	Trapping	☐ Fi	shing	None of the above	Other:	
Describe: (include numb	er of individuals recre	eating, frequ	uency of use, phot	o-documentation of evidence	of recreational uses, etc.)	
rrounding Conditio				uses. Attach photos of evidence		
		romote or is				
nrrounding Conditions of interest.)	ns*: (Mark all that p	romote or it	mpede recreationa	uses. Attach photos of evid	ence or unusual	
nrounding Conditions of interest.)	ns*: (Mark all that p	romote or it	mpede recreationa conservation lands al forests	uses. Attach photos of evide	ence or unusual Campgrounds Stairs/walkway	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that parts Playgrounds State parks Fence	romote or is	mpede recreationa conservation lands al forests	uses. Attach photos of evide	ence or unusual Campgrounds Stairs/walkway	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that property of the parks State parks Fence Se*:	monte or in MDC of Nation: □ XSteep s	mpede recreationa conservation lands al forests	uses. Attach photos of evide	Campgrounds Stairs/walkway	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that parts Playgrounds State parks Fence	momote or in MDC o	mpede recreationa conservation lands al forests slopes	uses. Attach photos of evidence Urban areas Urban areas Nature trails Other: Pasture	Campgrounds Stairs/walkway	

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Page Two - WBID # 605: 00 4 Data Sheet B - Site Characterization

Stream Morpholog Upstream View		ensions:			
Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	 .
🔀 Run Width	(ft): 20	Length (ft): 80	Avg. Depth (ft):	Max. Depth (ft):	26/10
Pool Width	(ft): 23	Length (ft): /20	Avg. Depth (ft):	Max. Depth (ft):	3/10
Flow Present	" [Z]-Yes [No	Estimated (ft ³ /sec):	7,4 CES	- <i>7/Q</i>
Downstream Vie	ew Physical D	mensions:		· · · · · · · · · · · · · · · · · · ·	
ZRiffle Width		Length (ft): 2/	Avg. Depth (ft):	Max. Depth (ft):	
Run Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
▼Pool Width	(ft): /2	Length (ft): /8	Avg. Depth (ft): 15/	,	6/
Flow Present		No	Estimated (ft ³ /sec):	(1) 1322 2 Spin (11).	710
Substratate /These		10004		···	
Substrate*: (These % Cobble		up to 100%.) ravel /O % Sar	nd 30 %Silt .	50% Mud/Clay	% Bedrock
Water Characteris					
Odor: Color:	Sewage		hemical None	Other:	
Bottom Deposit:	Clear		ray Milky	Other:	
Surface Deposit:	Sludge Oil		ine sediments None	Other:	
	<u> </u>		ing information from inte	···· —	
Good Ripa	rian are	o- Naie	too Wood La.	nd	
*This information is not comprehensive understa decision on the recreation	to be used solely nding of water co in use analysis bu hereby affirm	for removal of a recreation inditions. Consequently, t may point to conditions	onal use designation but rather this information is not intende that need further analysis or the nowledge, that all inform	is to provide a more d to directly influence a nat effect another use.	this UAA
Signed: <u>Trisci</u>	lla S	Tetta	Date: <u>7</u> -/3-	05	
Organization: Misso	uri Departmen	t of Natural Resource	es Position: Environme	ntal Specialist	



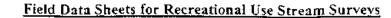


Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	0 605-5	•	Site Location De		,		
Site GPS Coordinates:				bad 005			
Date & Time: 7-/3	-05 10:5	' 5'	Facility Name:				
Personnel: P. Stotts				imber:			
Current Weather Conditions: (Sear)			Weather Conditions for Past 7 days: Fair - Dry				
Photo Ids: Upstream:		tream: /	7 C/ Othe				
Jses Observed*:				_			
Swimming	Skin diving	SCU	UBA diving	Tubing	☐ Water skiing		
Wind surfing	[] Kayaking	Воа	sting	Wading	Rafting		
Hunting	Trapping	Fish	hing	None of the above	Other:		
Describe: (include numb	er of individuals recrea	ating, freque	ency of use, photo	-documentation of evidence	e of recreational uses, etc.)		
				uses. Attach photos of evidence			
Surrounding Condition	ns*: (Mark all that pro	omote or im					
Surrounding Condition tems of interest.)	ns*: (Mark all that pro	omote or im	pede recreational	uses. Attach photos of evide	ence or unusual		
Surrounding Condition terms of interest.)	us*: (Mark all that pro	omote or im	pede recreational nservation lands forests	uses. Attach photos of evide	ence or unusual		
Surrounding Condition terms of interest.) City/county parks Boating accesses	ns*: (Mark all that pro	omote or im MDC co	pede recreational nservation lands forests	uses. Attach photos of evide	ence or unusual		
Surrounding Condition terms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or im MDC co National Steep slo	pede recreational nservation lands forests	uses. Attach photos of evide	ence or unusual Campgrounds Stairs/walkway RV/ATV Tracks		
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign Evidence of Human U	Playgrounds State parks Fence	omote or im MDC cor National Steep slo	pede recreational nservation lands forests opes	uses. Attach photos of evide Urban areas Nature trails Other: Row (Campgrounds Stairs/walkway		

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Data Sheet B - Site Characterization
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Riffle	Width (f	():	Length (ft):	Avg. D	epth (ft):		Max. Depth (ft):	
Z Run	Width (f	D: 25	Length (ft):	300 Avg. D	epth (ft):	2 4/10	Max. Depth (ft):	3
Pool	Width (f	t):	Length (ft):	Avg. D	epth (ft):		Max. Depth (ft):	
Flow.	Present?	∠ Yes	□ No 54///	Water Estima	ted (ft³/sec):			
ownstre	am Viev	v Physica	l Dimensions:					
Riffle	Width (f		Length (ft):	Avg. D	epth (ft):		Max. Depth (ft):	
4 Run	Width (f	n: 23	Length (ft):	150 Avg. D	epth (ft):		Max. Depth (ft):	
Pool	Width (f	t):	Length (ft):	Avg. D	epth (ft):	3'	Max. Depth (ft):	3/10
Z-Flow	Present?	☑ Yes	□ No 5///.	Worder Estima	ted (ft ³ /sec):			- 772
% tatic Veg	% Cobble	lues should	add up to 100%.) % Gravel	// % Sand r algal growth at th	10 %5		% Mud/Clay	% Bedroc
natic Veg	Cobble getation'	(note amo	add up to 100%.) % Gravel ount of vegetation of	// % Sand r algal growth at th	10 %5		% Mud/Clay	% Bedroc
natic Veg	Cobble getation'	(note amo	add up to 100%.) % Gravel	// % Sand r algal growth at th	10 %5	site)	% Mud/Clay	% Bedroc
9 natic Veg 2 ter Char	Cobble getation'	ilues should (note amo	add up to 100%.) % Gravel ount of vegetation of	// % Sand r algal growth at th g Algal	/O % 5 e assessment	site)		% Bedroc
y satic Veg 2 ter Char	Cobble getation 5 % cacterist eposit:	ics*: (Mark	add up to 100%.) % Gravel ount of vegetation of the control of the contro	Sand r algal growth at th Reference	e assessment	site)	Other:	% Bedroc

September 29, 2004

datasheet is true and accurate.

Last printed 07/08/05 8:53 AM

Organization: Missouri Department of Natural Resources Position: Environmental Specialist





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	<u>0605-00</u>	96 Site Location D	Pescription: Road 110			
Site GPS Coordinates:	·		1000 110			
Date & Time: 7-/3	3-05	Facility Name:				
Personnel: P. Stotts		Permit Number	Permit Number: Weather Conditions for Past 7 days: Zack - Dod			
Current Weather Condit	ions: Clear	Weather Condit				
Photo Ids: Upstream:	/ / "	vnstream: (146) Othe	Discard Ra	attern of		
es Observed*:	147900d	148 good		ng Site		
Swimming	Skin diving	SCUBA diving	☐ Tubing	Water skiing		
☐ Wind surfing	☐ Kayaking	Boating	□ Wading	Rafting		
Hunting	Trapping	Fishing	None of the above	Other:		
Describe, (morate numb	er of murviduals rec	reating, frequency of use, photo	-documentation of evidence	of recreational uses, etc.)		
rrounding Condition		promote or impede recreational to	•••			
			•••			
rrounding Condition	ns*: (Mark all that p	promote or impede recreational t	uses. Attach photos of eviden	nce or unusual		
rrounding Condition ns of interest.) City/county parks	ns*: (Mark all that p	promote or impede recreational to MDC conservation lands	uses. Attach photos of eviden Urban areas Nature trails	ce or unusual Campgrounds Stairs/walkway		
rrounding Condition ns of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	promote or impede recreational t MDC conservation lands National forests	Ises. Attach photos of evider Urban areas Nature trails	ce or unusual Campgrounds Stairs/walkway		
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or impede recreational to MDC conservation lands National forests Steep slopes	uses. Attach photos of eviden Urban areas Nature trails	ce or unusual Campgrounds Stairs/walkway		
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	oromote or impede recreational to MDC conservation lands National forests Steep slopes Dock/platform	Ses. Attach photos of evider ☐ Urban areas ☐ Nature trails ☐ Other: Pow C	Campgrounds Stairs/walkway		

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Data Sheet B - Site Characterization

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Stream Morpholog Upstr <u>eam View</u>	· ·	ensions:				
Riffle Width		Length (ft):	Avg. Depth (ft):	Max, Depth (ft):	
Z Run Width	(ft): 20	Length (ft):	Avg. Depth (ft): 5/10	Max. Depth (ft):	17/10
Pool Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Flow Preser	t? ØYes □	No S4/1/ W	Hor Estimated (ft	³/sec):		
Down <u>stream</u> Vi	ew Physical Di	mensions:				
Riffle Width	·	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Width	(ft): 8	Length (ft): 20	Avg. Depth (ft): 2 8/10	Max. Depth (ft):	2 /10
Pool Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	\(\)
Flow Preser	t? 🔼 Yes 🗆	No Still 11)	Estimated (ft	³/sec):		
% Cobbi		s sedegas.	% Sand /0 gal growth at the asse	ssment site)	5% Mud/Clay	% Bedrock
Water Characteri	stics*: (Mark all	that apply.)				
Odor:	Sewage	Musky	Chemical	□ANone	Other:	
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit: Surface Deposit:	☐ Sludge ☐ Oil	Solids Scum	Fine sediments Foam	☐ None	Other:	
*This information is no comprehensive underso decision on the recreate	t to be used solely anding of water co	al comments (in for removal of a renditions. Consequent	ncluding informati ecreational use design	on from inter	views) to this form is to provide a more to directly influence	
I, the undersigned datasheet is true a Signed: Thece		n to the best of		hat all inform	7	on this UAA
•	76					
Organization: Miss	ouri <u>Departmer</u>	<u>it of Natural Re</u>	sources Position	: Environmer	ital Specialist	



